

**FELIX KIPKIRUI KERICH Tell: +254704494196**

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An experienced software developer with expertise in full-stack development, proficient in Java, Spring Boot, Python, REST APIs, JavaScript, React, Next.js, and both front-end and back-end technologies. Skilled in integrating and utilizing Large Language Models (LLMs) and other AI systems to develop innovative applications, including leveraging AI for data analysis, embedding creation, and user query processing. Experienced in creating user-friendly solutions, ensuring data protection, and implementing intelligent systems for enhanced user experiences. Strong in network configuration (IPv4, IPv6, subnetting) and project management from freelance work. Continuously improving skills and embracing challenges for innovative software solutions.

## **WORK EXPERIENCE**

### **Freelance Web Developer**

**Nov 2022 – present,**

- Successfully executed freelance web development projects, delivering responsive and visually appealing websites using HTML, CSS, and JavaScript.
- Leveraged Python, java, PHP, MySQL and PostgreSQL to create dynamic back-end functionalities, including database management and user authentication.
- Developed strong project management skills, consistently meeting deadlines and exceeding client expectations.
- Collaborated closely with clients to understand their needs and deliver tailored solutions.

### **Full Stack Developer & Network Administrator**

Francium Sources, Kenya

**May 2023,**

- Collaborated with cross-functional teams to design, develop, and deploy full-stack web applications, utilizing technologies such as HTML, CSS, JavaScript,python, PHP, and Java.
- Managed database systems, including MySQL, to support application functionality and streamline data management.
- Proactively addressed technical challenges, identified opportunities for process improvement, and implemented solutions to enhance system performance.
- Provided end-user support and troubleshooting, addressing technical issues promptly to minimize downtime and maintain operational continuity.
- Collaborated with clients to gather requirements, translate business needs into technical solutions, and deliver software projects that met or exceeded expectations.
- Stayed current with industry trends and emerging technologies, consistently enhancing technical skills and knowledge.

## ACHIEVEMENTS

### AI-Driven Data Analysis

Implemented AI-powered solutions using LLMs for embedding creation, real-time query resolution, and actionable insights, improving decision-making processes for clients.

### Front-End Web Development Project

Developed a responsive website using HTML, Tailwind css, bootstrap, CSS, and JavaScript, emphasizing user-centered design and visual appeal.

### E-commerce Platform (Back-End)

Built the back-end of an e-commerce platform using PHP, Django, Flask and Spring Boot, integrating secure payment gateways and user authentication.

### Networking Configuration Project

Designed and configured a small-scale network infrastructure, demonstrating proficiency in subnetting and network setup.

### Programming Challenges

Participated in coding challenges and competitions, showcasing problem-solving abilities and strong programming skills in python, Java, and JavaScript.

## CERTIFICATION

### Cisco Networking Certification

Awarded Cisco Networking Certificate for completing network configuration and subnetting training. [View Certification](#)

### IBM AI Fundamentals

Earned IBM AI Fundamentals certification. [View Certification](#)

### Introduction to Data Science

Earned Cisco data science certification. [View Certificate](#)

## EDUCATION BACKGROUND

### Dedan Kimathi University of Technology

September 2022 - Present

Bachelor of Science in Information Technology.

### Kabungut Boy's High School

January 2018 - April 2022

Kenya Certificate of Secondary Education (KCSE).

## KEY SKILLS

- **Artificial Intelligence Integration:** Expertise in leveraging AI technologies, including Large Language Models (LLMs), for advanced data analysis, embedding creation, and intelligent user interaction systems.
- **Front-End Development:** Proficiency in HTML, CSS, and JavaScript for creating captivating user interfaces.
- **Back-End Development:** Command of PHP, Java, Springboot and python for building powerful and efficient applications.
- **Database Management:** Expertise in database design principles, optimization, and proficient use of MySQL and SQL queries for seamless management and reporting of relational databases.
- **Networking:** Comprehensive networking prowess: adept at seamless data flow, skilled in IPv4/IPv6 subnetting, and certified by Cisco, showcasing advanced networking proficiency.
- **Cybersecurity:** Unwavering commitment to fortifying data security through robust cybersecurity measures, safeguarding invaluable digital assets and sensitive data.
- **Problem-Solving:** Experience in tackling coding challenges and competitions.
- **Project Management:** Successful track record of freelance web development with a focus on timely delivery.
- **Communication:** Effective collaboration with clients and strong interpersonal skills.

## References

KIMTAI FESTUS Senior software engineer <b>Cellulant Limited</b> Tell +254725850798	KIPKORIR GILBERT Software Developer <b>Safaricom Plc Limited</b> Tell +254723084094	KIPRONOH DOMINICK Project manager <b>Francium Sources Ltd</b> Tell +254713787999
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